



**NALAYATHIRAN**

**TEAM NAME : FreeThinkers**

**TEAM ID : PNT2022TMID49457**

# **PROBLEM STATEMENT**

## **(Fertilizer recommended system For disease prediction)**

- Agriculture is the main aspect of country development. Many people lead their life from agriculture field, which gives fully related to agricultural products.
- Plant disease, especially on leaves, is one of the major factors of reductions in both quality and quantity of the food crops.
- In agricultural aspects, if the plant is affected by leaf disease then it reduces the growth of the agricultural level.
- Finding the leaf disease is an important role of agriculture preservation.

# Big Idea

Identify  
Vegetable  
Disease

5  
Use SVM  
Algorithm

2  
Availability  
of near by  
fertilizer store

Identify  
Fruit  
Disease

3  
Deep learning based  
mathematical model for  
detecting and recognising  
plant disease

Provide website  
information to  
buy  
recommend fertilizer

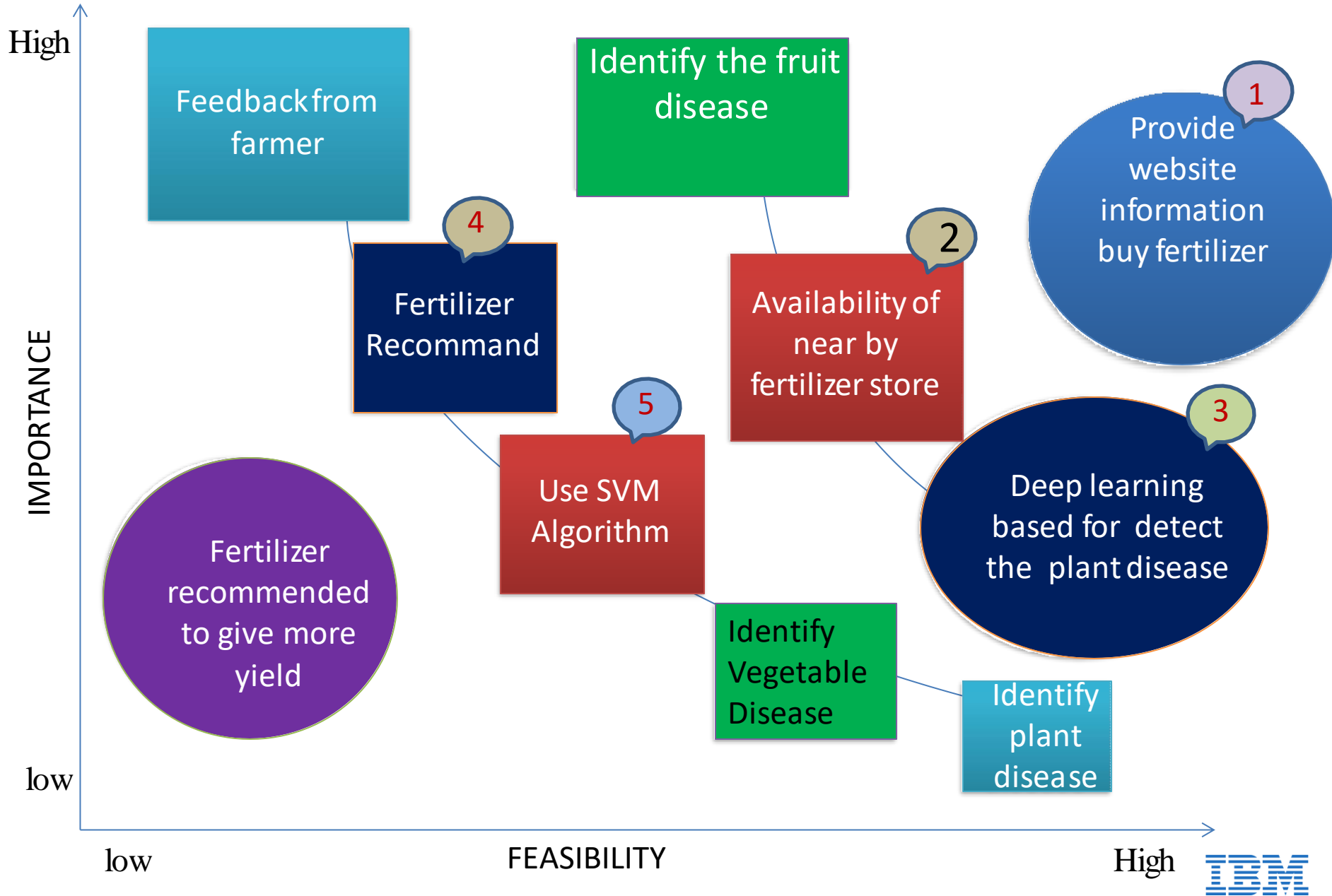
4  
Fertilizer  
Recommendation

Additional  
Information about  
the plant

1  
Fertilizer  
recommended  
to give more  
yield

Feedback from  
Farmer

# Idea Prioritization



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**THANK YOU**